



**Science Topic Overview: Evolution and inheritance**

Previous linked learning	I think I already know...	I would like to find out...
<p><b>Year 1</b></p> <ul style="list-style-type: none"> <li>I can describe and compare the structure of a variety of common animals</li> </ul> <p><b>Year 2</b></p> <ul style="list-style-type: none"> <li>I can identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other</li> <li>I can notice that animals, including humans, have offspring which grow into adults</li> </ul> <p><b>Year 3</b></p> <p>I can identify that humans and some other animals have skeletons</p> <ul style="list-style-type: none"> <li>I can describe in simple terms how fossils are formed when things that have lived are trapped within rock</li> </ul> <p><b>Year 4</b></p> <ul style="list-style-type: none"> <li>I can recognise that environments can change and that this can sometimes pose dangers to living things</li> </ul>		
Key Vocabulary	<b>By the end of this unit you will be able to....</b>	
<p><i>Habitat, offspring, skeletons, fossil, environment, changes</i></p> <p><b>Adaptation</b></p> <p><b>Evolution</b></p> <p><b>Characteristics</b></p> <p><b>Genetics</b></p> <p><b>Survival</b></p> <p><b>extinct</b></p>	<ul style="list-style-type: none"> <li>- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents</li> <li>- identify how animals and plants are adapted to suit their environment in different ways and explore the idea of natural selection (penguins, camels, peppered moths)</li> <li>- recognise that living things have changed over time (elephants varieties)</li> <li>- Explore that adaptations over time may lead to evolution and research <a href="#">‘What do fossils teach us about prehistoric animals?’</a></li> <li>- Name Mary Anning as a famous fossil hunter who helped us to gather information about living things that inhabited the Earth millions of years ago</li> </ul>	

